

10/730070

<u>JP 2001506000 W</u>	May 8, 2001		040	G01N033/53
<u>EP 944833 B1</u>	June 27, 2001	E	000	G01N033/53
<u>DE 69705423 E</u>	August 2, 2001		000	G01N033/53
<u>ES 2160985 T3</u>	November 16, 2001		000	G01N033/53
<u>US 20030148272 A1</u>	August 7, 2003		000	C12Q001/68
<u>US 6660481 B2</u>	December 9, 2003		000	G01N033/53

INT-CL (IPC): C07 K 16/18; C12 N 5/06; C12 N 5/16; C12 Q 1/68; G01 N 33/53; G01 N 33/537; G01 N 33/543; G01 N 33/68

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	Publ	Draw
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Clear

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Fwd Refs

Bkwd Refs

Generate OACS

Terms

(sandwich with assay) and (collagen with degradation) and  
(antibodies with collagen)

Documents

77

Display Format: -

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10 / 730 070

L5: Entry 23 of 24

File: USPT

Jun 14, 1994

US-PAT-NO: 5320970

DOCUMENT-IDENTIFIER: US 5320970 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Detection of collagen degradation in vivo

DATE-ISSUED: June 14, 1994

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Eyre; David R.	Mercer Island	WA		

US-CL-CURRENT: 436/536; 530/323, 530/356, 530/413

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMK	Draw
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☐ 24. Document ID: US 5300434 A

L5: Entry 24 of 24

File: USPT

Apr 5, 1994

US-PAT-NO: 5300434

DOCUMENT-IDENTIFIER: US 5300434 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Hybridoma cell line producing an antibody to type-I collagen amino-terminal telopeptide

DATE-ISSUED: April 5, 1994

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Eyre; David R.	Mercer Island	WA		

US-CL-CURRENT: 435/331; 435/345, 530/388.9

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMK	Draw
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Clear

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Fwd Refs

Bkwd Refs

Generate OACS

Terms

(type with II) and (collagen with resorption) and (sandwich with assay) and (epitope with fragment)

Documents

24

Display Format: 

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10/730070

=> d 120 1-23

L20 ANSWER 1 OF 23 IFIPAT COPYRIGHT 2005 IFI on STN  
AN 10717126 IFIPAT;IFIUDB;IFICDB  
TI **SANDWICH ASSAYS FOR COLLAGEN  
FRAGMENTS**  
IN Christgau Stephan (DK); Qvist Per (DK); Rosenquist Christian (DK)  
PA Unassigned Or Assigned To Individual (68000)  
PI US 2004224375 A1 20041111  
AI US 2003-730070 20031209  
RLI US 1999-319539 19990608 CONTINUATION-IN-PART 6660481  
PRAI GB 1996-255591 19961209  
GB 1997-56873 19970319  
FI US 2004224375 20041111  
US 6660481  
DT Utility; Patent Application - First Publication  
FS CHEMICAL  
APPLICATION  
CLMN 6  
GI 3 Figure(s).  
FIG. 1 shows a calibration curve obtained in Example 5;  
FIG. 2 shows the results measured according to the invention in Example 6;  
and  
FIG. 3 shows the comparative data obtained in Example 6.

L20 ANSWER 2 OF 23 USPATFULL on STN  
AN 2005:75784 USPATFULL  
TI Compositions and methods for treating cellular response to injury and  
other proliferating cell disorders regulated by hyaladherin and  
hyaluronans  
IN Cruz, Tony, Toronto, CANADA  
Pastrak, Aleksandra, Toronto, CANADA  
Turley, Eva A., Toronto, CANADA  
PA Transition Therapeutics Inc., Toronto, CANADA (non-U.S. corporation)  
PI US 2005065085 A1 20050324  
AI US 2004-892831 A1 20041129 (10)  
RLI Division of Ser. No. US 2001-978309, filed on 15 Oct 2001, PENDING  
Continuation-in-part of Ser. No. US 2000-685010, filed on 5 Oct 2000,  
PENDING Continuation-in-part of Ser. No. US 2000-541522, filed on 3 Apr  
2000, ABANDONED  
PRAI US 1999-127457P 19990401 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 5743  
INCL INCLM: 514/012.000  
INCLS: 530/350.000  
NCL NCLM: 514/012.000  
NCLS: 530/350.000  
IC [7]  
ICM: A61K038-17  
ICS: C07K014-47  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 3 OF 23 USPATFULL on STN  
AN 2005:68508 USPATFULL  
TI Compositions and methods for treating cellular response to injury and  
other proliferating cell disorders regulated by hyaladherin and  
hyalurons  
IN Turley, Eva A., Toronto, CANADA  
Cruz, Tony F., Toronto, CANADA  
PI US 2005058646 A1 20050317  
AI US 2004-898675 A1 20041129 (10)  
RLI Division of Ser. No. US 2000-685010, filed on 5 Oct 2000, PENDING

Continuation-in-part of Ser. No. US 2000-541522, filed on 3 Apr 2000,  
ABANDONED

PRAI US 1999-127457P 19990401 (60)

DT Utility

FS APPLICATION

LN.CNT 5202

INCL INCLM: 424/145.100

NCL NCLM: 424/145.100

IC [7]

ICM: A61K039-395

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 4 OF 23 USPATFULL on STN

AN 2005:62978 USPATFULL

TI Assay of isomerised and/or optically inverted proteins and protein  
**fragments**

IN Christgau, Stephan, Gentofte, DENMARK

Henriksen, Dennis B., Allerod, DENMARK

Cloos, Paul A.C., Kobenhavn, DENMARK

PI US 2005054014 A1 20050310

AI US 2002-154424 A1 20020523 (10)

RLI Continuation of Ser. No. WO 2000-EP11720, filed on 24 Nov 2000, UNKNOWN

PRAI GB 1999-28052 19991126

US 2001-343384P 20011221 (60)

DT Utility

FS APPLICATION

LN.CNT 1031

INCL INCLM: 435/007.900

NCL NCLM: 435/007.900

IC [7]

ICM: G01N033-53

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 5 OF 23 USPATFULL on STN

AN 2005:59180 USPATFULL

TI Compositions and methods for treating cellular response to injury and  
other proliferating cell disorders regulated by hyaladherin and  
hyaluronans

IN Turley, Eva A., 235 St. Clair Avenue West, Toronto, CANADA M4V 1R4

Cruz, Tony F., 72 Thorncrest Road, Etobicoke, CANADA M9A 1S9

PI US 6864235 B1 20050308

AI US 2000-685010 20001005 (9)

RLI Continuation-in-part of Ser. No. US 2000-541522, filed on 3 Apr 2000,  
now abandoned

PRAI US 1999-127457P 19990401 (60)

DT Utility

FS GRANTED

LN.CNT 5174

INCL INCLM: 514/012.000

INCLS: 530/300.000; 530/350.000; 530/324.000; 530/395.000; 435/069.100

NCL NCLM: 514/012.000

NCLS: 435/069.100; 530/300.000; 530/324.000; 530/350.000; 530/395.000

IC [7]

ICM: C07K014-705

EXF 514/12; 514/2; 530/300; 530/350; 530/324; 530/395; 530/387.1; 435/69.1;  
435/7.1; 435/320.1; 435/325; 436/86

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 6 OF 23 USPATFULL on STN

AN 2004:286213 USPATFULL

TI **Sandwich assays for collagen  
fragments**

IN Rosenquist, Christian, Charlottenlund, DENMARK

Qvist, Per, Klampenborg, DENMARK

Christgau, Stephan, Gentofte, DENMARK  
PI US 2004224375 A1 20041111  
AI US 2003-730070 A1 20031209 (10)  
RLI Continuation-in-part of Ser. No. US 1999-319539, filed on 8 Jun 1999,  
GRANTED, Pat. No. US 6660481 A 371 of International Ser. No. WO  
1997-EP6803, filed on 5 Dec 1997, UNKNOWN  
PRAI GB 1996-25559 19961209  
GB 1997-5687 19970319  
DT Utility  
FS APPLICATION  
LN.CNT 944  
INCL INCLM: 435/007.930  
NCL NCLM: 435/007.930  
IC [7]  
ICM: G01N033-53  
ICS: G01N033-537; G01N033-543  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 7 OF 23 USPATFULL on STN  
AN 2004:260575 USPATFULL  
TI Uncoupled **collagen** synthesis and degradation assays  
IN Sandell, Linda J., St. Louis, MO, UNITED STATES  
Garnero, Patrick, Villeurbanne, FRANCE  
PA Barnes-Jewish Hospital (U.S. corporation)  
PI US 2004203072 A1 20041014  
AI US 2003-705124 A1 20031110 (10)  
PRAI US 2002-424941P 20021108 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 2204  
INCL INCLM: 435/007.100  
NCL NCLM: 435/007.100  
IC [7]  
ICM: G01N033-53  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 8 OF 23 USPATFULL on STN  
AN 2004:184450 USPATFULL  
TI Novel secreted proteins and their uses  
IN Lu, Deshun, Carmel, IN, UNITED STATES  
Song, Ho Yeong, Carmel, IN, UNITED STATES  
Su, Eric Wen, Carmel, IN, UNITED STATES  
Wang, He, Carmel, IN, UNITED STATES  
PI US 2004142333 A1 20040722  
AI US 2003-381820 A1 20030327 (10)  
WO 2001-US27759 20011010  
PRAI US 2000-60241813 20001019  
DT Utility  
FS APPLICATION  
LN.CNT 3982  
INCL INCLM: 435/006.000  
INCLS: 435/069.100; 435/320.100; 435/325.000; 530/350.000; 536/023.500  
NCL NCLM: 435/006.000  
NCLS: 435/069.100; 435/320.100; 435/325.000; 530/350.000; 536/023.500  
IC [7]  
ICM: C12Q001-68  
ICS: C07H021-04; C07K014-47  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 9 OF 23 USPATFULL on STN  
AN 2003:237876 USPATFULL  
TI Uses of synthetic peptides corresponding to telopeptide sequences of  
cross-linked type I **collagen** metabolites  
IN Eyre, David R., Mercer Island, WA, UNITED STATES

PA Washington Research Foundation (U.S. corporation)  
 PI US 2003166033 A1 20030904  
 AI US 2003-384894 A1 20030307 (10)  
 RLI Continuation of Ser. No. US 2000-662751, filed on 15 Sep 2000, ABANDONED  
 Continuation of Ser. No. US 1999-457440, filed on 7 Dec 1999, GRANTED,  
 Pat. No. US 6143511 Continuation of Ser. No. US 1999-347503, filed on 2  
 Jul 1999, GRANTED, Pat. No. US 6100379 Continuation of Ser. No. US  
 1999-237176, filed on 25 Jan 1999, GRANTED, Pat. No. US 6048705  
 Continuation of Ser. No. US 1998-47144, filed on 24 Mar 1998, GRANTED,  
 Pat. No. US 5962639 Continuation of Ser. No. US 1997-803960, filed on 21  
 Feb 1997, ABANDONED Continuation of Ser. No. US 1996-664102, filed on 13  
 Jun 1996, GRANTED, Pat. No. US 5677198 Continuation of Ser. No. US  
 1995-567618, filed on 4 Dec 1995, GRANTED, Pat. No. US 5656439  
 Continuation of Ser. No. US 1995-457831, filed on 1 Jun 1995, GRANTED,  
 Pat. No. US 5576189 Continuation of Ser. No. US 1994-221705, filed on 1  
 Apr 1994, GRANTED, Pat. No. US 5473052 Continuation of Ser. No. US  
 1990-614719, filed on 21 Nov 1990, GRANTED, Pat. No. US 5300434  
 Continuation-in-part of Ser. No. US 1989-444881, filed on 1 Dec 1989,  
 GRANTED, Pat. No. US 5140103 Continuation-in-part of Ser. No. US  
 1987-118234, filed on 6 Nov 1987, GRANTED, Pat. No. US 4973666  
 DT Utility  
 FS APPLICATION  
 LN.CNT 1398  
 INCL INCLM: 435/007.940  
 INCLS: 436/523.000; 435/007.100; 435/007.900; 436/528.000; 530/323.000;  
 530/327.000; 530/356.000; 530/387.100; 530/388.100; 530/388.850;  
 530/389.100; 530/391.100  
 NCL NCLM: 435/007.940  
 NCLS: 436/523.000; 435/007.100; 435/007.900; 436/528.000; 530/323.000;  
 530/327.000; 530/356.000; 530/387.100; 530/388.100; 530/388.850;  
 530/389.100; 530/391.100  
 IC [7]  
 ICM: C07K017-14  
 ICS: A61K038-17; C09H001-00; A61K038-04; C07K017-00; C07K007-00;  
 G01N033-543; G01N033-542; G01N033-53; C07K005-00; A61K038-00;  
 C07K014-00; G01N033-544; C12P021-08  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 10 OF 23 USPATFULL on STN  
 AN 2003:213635 USPATFULL  
 TI **SANDWICH ASSAYS FOR COLLAGEN TYPE I**  
**FRAGMENTS**  
 IN ROSENQUIST, CHRISTIAN, CHARLOTTENLUND, DENMARK  
 QVIST, PER, KLAMPENBORG, DENMARK  
 PI US 2003148272 A1 20030807  
 US 6660481 B2 20031209  
 AI US 1999-319539 A1 19990608 (9)  
 WO 1997-EP6803 19971205  
 PRAI GB 1996-25559 19961209  
 GB 1997-5687 19970319  
 DT Utility  
 FS APPLICATION  
 LN.CNT 895  
 INCL INCLM: 435/006.000  
 INCLS: 435/007.100; 435/345.000  
 NCL NCLM: 435/007.100  
 NCLS: 435/007.920; 435/007.930; 435/007.940; 435/007.950; 435/331.000;  
 436/518.000; 436/536.000; 436/548.000; 436/815.000; 530/300.000;  
 530/323.000; 530/328.000; 530/387.900; 530/388.100; 530/391.100;  
 530/391.300  
 IC [7]  
 ICM: C12Q001-68  
 ICS: G01N033-53; C12N005-06; C12N005-16  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 11 OF 23 USPATFULL on STN  
 AN 2003:146743 USPATFULL  
 TI Compositions and methods for treating cellular response to injury and other proliferating cell disorders regulated by hyaladherin and hyaluronans  
 IN Cruz, Tony, Toronto, CANADA  
 Pastrak, Aleksandra, Toronto, CANADA  
 Turley, Eva A., Toronto, CANADA  
 PI US 2003100490 A1 20030529  
 AI US 2001-978309 A1 20011015 (9)  
 RLI Continuation-in-part of Ser. No. US 2000-685010, filed on 5 Oct 2000, PENDING Continuation-in-part of Ser. No. US 2000-541522, filed on 3 Apr 2000, ABANDONED  
 PRAI US 1999-127457P 19990401 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 4853  
 INCL INCLM: 514/012.000  
 INCLS: 530/350.000  
 NCL NCLM: 514/012.000  
 NCLS: 530/350.000  
 IC [7]  
 ICM: C07K014-435  
 ICS: A61K038-17  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 12 OF 23 USPATFULL on STN  
 AN 2000:149931 USPATFULL  
 TI Sandwich immunoassays for collagen type II degradation products  
 IN Eyre, David R., Mercer Island, WA, United States  
 PA Washington Research Foundation, Seattle, WA, United States (U.S. corporation)  
 PI US 6143511 ✓ 20001107  
 AI US 1999-457440 19991207 (9)  
 RLI Continuation of Ser. No. US 1999-347503, filed on 2 Jul 1999 which is a continuation of Ser. No. US 1999-237176, filed on 25 Jan 1999, now patented, Pat. No. US 6048705 which is a continuation of Ser. No. US 1998-47144, filed on 24 Mar 1998, now patented, Pat. No. US 5962639 which is a continuation of Ser. No. US 1997-803960, filed on 21 Feb 1997, now abandoned which is a continuation of Ser. No. US 1996-664102, filed on 13 Jun 1996, now patented, Pat. No. US 5677198 which is a continuation of Ser. No. US 1995-567618, filed on 4 Dec 1995, now patented, Pat. No. US 5656439 which is a continuation of Ser. No. US 1995-457831, filed on 1 Jun 1995, now patented, Pat. No. US 5576189 which is a continuation of Ser. No. US 1994-221705, filed on 1 Apr 1994, now patented, Pat. No. US 5473052 which is a continuation of Ser. No. US 1990-614719, filed on 21 Nov 1990, now patented, Pat. No. US 5300434 which is a continuation-in-part of Ser. No. US 1989-444881, filed on 1 Dec 1989, now patented, Pat. No. US 5140103 which is a continuation-in-part of Ser. No. US 1987-118234, filed on 6 Nov 1987, now patented, Pat. No. US 4973666 And a continuation of Ser. No. US 1999-326335, filed on 7 Jun 1999  
 DT Utility  
 FS Granted  
 LN.CNT 1690  
 INCL INCLM: 435/007.940  
 INCLS: 435/007.100; 435/007.900; 436/523.000; 436/528.000; 530/323.000; 530/327.000; 530/356.000; 530/387.100; 530/388.100; 530/388.850; 530/389.100; 530/391.100  
 NCL NCLM: 435/007.940  
 NCLS: 435/007.100; 435/007.900; 436/523.000; 436/528.000; 530/323.000; 530/327.000; 530/356.000; 530/387.100; 530/388.100; 530/388.850;

530/389.100; 530/391.100

IC [7]  
ICM: G01N033-53  
ICS: G01N033-537  
EXF 435/7.1; 435/7.9; 435/7.94; 436/523; 436/528; 530/323; 530/327; 530/356;  
530/387.1; 530/388.1; 530/388.85; 530/389.1; 530/391.1  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 13 OF 23 USPATFULL on STN  
AN 2000:102411 USPATFULL  
TI Synthetic peptides corresponding to telopeptide sequences of  
cross-linked **type II collagen** metabolites  
IN Eyre, David R., Mercer Island, WA, United States  
PA Washington Research Foundation, Seattle, WA, United States (U.S.  
corporation)  
PI US 6100379 20000808  
AI US 1999-347503 19990702 (9)  
RLI Continuation of Ser. No. US 1999-237176, filed on 25 Jan 1999, now  
patented, Pat. No. US 6048705 which is a continuation of Ser. No. US  
1998-47144, filed on 24 Mar 1998, now patented, Pat. No. US 5962639  
which is a continuation of Ser. No. US 1997-803960, filed on 21 Feb  
1997, now abandoned which is a continuation of Ser. No. US 1996-664102,  
filed on 13 Jun 1996, now patented, Pat. No. US 5677198 which is a  
continuation of Ser. No. US 1995-567618, filed on 4 Dec 1995, now  
patented, Pat. No. US 5656439 which is a continuation of Ser. No. US  
1995-457831, filed on 1 Jun 1995, now patented, Pat. No. US 5576189  
which is a continuation of Ser. No. US 1994-221705, filed on 1 Apr 1994,  
now patented, Pat. No. US 5473052 which is a continuation of Ser. No. US  
1990-614719, filed on 21 Nov 1990, now patented, Pat. No. US 5300434  
which is a continuation-in-part of Ser. No. US 1989-444881, filed on 1  
Dec 1989, now patented, Pat. No. US 5140103 which is a  
continuation-in-part of Ser. No. US 1987-118234, filed on 6 Nov 1987,  
now patented, Pat. No. US 4973666  
DT Utility  
FS Granted  
LN.CNT 1678  
INCL INCLM: 530/326.000  
INCLS: 530/350.000; 530/332.000; 530/356.000  
NCL NCLM: 530/326.000  
NCLS: 530/332.000; 530/350.000; 530/356.000  
IC [7]  
ICM: A61K038-04  
EXF 530/350; 530/356; 530/323-330; 530/332  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 14 OF 23 USPATFULL on STN  
AN 2000:43945 USPATFULL  
TI Sandwich immunoassays for **collagen** type I degradation products  
IN Eyre, David R., Mercer Island, WA, United States  
PA Washington Research Foundation, Seattle, WA, United States (U.S.  
corporation)  
PI US 6048705 20000411  
AI US 1999-237176 19990125 (9)  
RLI Continuation of Ser. No. US 1998-47144, filed on 24 Mar 1998, now  
patented, Pat. No. US 5962639 which is a continuation of Ser. No. US  
1997-803960, filed on 21 Feb 1997, now abandoned which is a continuation  
of Ser. No. US 1996-664102, filed on 13 Jun 1996, now patented, Pat. No.  
US 5677198 which is a continuation of Ser. No. US 1995-567618, filed on  
4 Dec 1995, now patented, Pat. No. US 5656439 which is a continuation of  
Ser. No. US 1995-457831, filed on 1 Jun 1995, now patented, Pat. No. US  
5576189 which is a continuation of Ser. No. US 1994-221705, filed on 1  
Apr 1994, now patented, Pat. No. US 5473052 which is a continuation of  
Ser. No. US 1990-614719, filed on 21 Nov 1990, now patented, Pat. No. US  
5300434 which is a continuation-in-part of Ser. No. US 1989-444881,



filed on 1 Dec 1989, now patented, Pat. No. US 5140103 which is a continuation-in-part of Ser. No. US 1987-118234, filed on 6 Nov 1987, now patented, Pat. No. US 4973666

DT Utility  
FS Granted  
LN.CNT 1813  
INCL INCLM: 435/007.920  
INCLS: 435/007.100; 435/331.000; 436/518.000; 436/536.000; 530/323.000;  
530/326.000; 530/327.000; 530/356.000; 530/387.900; 530/388.850;  
530/389.100  
NCL NCLM: 435/007.920  
NCLS: 435/007.100; 435/331.000; 436/518.000; 436/536.000; 530/323.000;  
530/326.000; 530/327.000; 530/356.000; 530/387.900; 530/388.850;  
530/389.100  
IC [7]  
ICM: G01N033-53  
EXF 435/7.1; 435/7.9; 435/7.91; 435/7.92; 435/7.94; 435/331; 436/518;  
436/531; 436/536; 436/540; 530/323; 530/326; 530/327; 530/356;  
530/387.9; 530/388.85; 530/389.1  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 15 OF 23 USPATFULL on STN  
AN 2000:1706 USPATFULL  
TI Assay for **collagen** degradation  
IN Te Koppele, Johannes Maria, Leiderdorp, Netherlands  
Beekman, Bob, Leiden, Netherlands  
PA Nederlandse Organisatie voor Toegepast-Natuurwetenschappelijk Onderzoek  
TNO, Netherlands (non-U.S. corporation)  
PI US 6010863 20000104  
AI US 1997-931820 19970916 (8)  
PRAI EP 1996-202596 19960917  
DT Utility  
FS Granted  
LN.CNT 775  
INCL INCLM: 435/007.100  
INCLS: 435/007.900; 435/007.920; 435/007.940; 435/975.000; 436/518.000;  
436/531.000  
NCL NCLM: 435/007.100  
NCLS: 435/007.900; 435/007.920; 435/007.940; 435/975.000; 436/518.000;  
436/531.000  
IC [6]  
ICM: G01N033-53  
EXF 435/7.1; 435/7.9; 435/7.92; 435/7.94; 435/975; 436/518; 436/531  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 16 OF 23 USPATFULL on STN  
AN 1999:121540 USPATFULL  
TI Synthetic peptides corresponding to telopeptide sequences of  
cross-linked type I **collagen** metabolites  
IN Eyre, David R., Mercer Island, WA, United States  
PA Washington Research Foundation, Seattle, WA, United States (U.S.  
corporation)  
PI US 5962639 19991005  
AI US 1998-47144 19980324 (9)  
RLI Continuation of Ser. No. US 1997-803960, filed on 21 Feb 1997 which is a  
continuation of Ser. No. US 1996-664102, filed on 13 Jun 1996, now  
patented, Pat. No. US 5677198 which is a continuation of Ser. No. US  
1995-567618, filed on 4 Dec 1995, now patented, Pat. No. US 5656439  
which is a continuation of Ser. No. US 1995-457831, filed on 1 Jun 1995,  
now patented, Pat. No. US 5576189 which is a continuation of Ser. No. US  
1994-221705, filed on 1 Apr 1994, now patented, Pat. No. US 5473052  
which is a continuation of Ser. No. US 1990-614719, filed on 21 Nov  
1990, now patented, Pat. No. US 5300434 which is a continuation-in-part  
of Ser. No. US 1989-444881, filed on 1 Dec 1989, now patented, Pat. No.

US 5140103 which is a continuation-in-part of Ser. No. US 1987-118234,  
filed on 6 Nov 1987, now patented, Pat. No. US 4973666

DT Utility  
FS Granted  
LN.CNT 1804  
INCL INCLM: 530/329.000  
INCLS: 530/328.000; 530/356.000; 435/007.100  
NCL NCLM: 530/329.000  
NCLS: 435/007.100; 530/328.000; 530/356.000  
IC [6]  
ICM: A61K038-04  
EXF 435/7.1; 530/323; 530/326-329; 530/331; 530/356  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 17 OF 23 USPATFULL on STN  
AN 1998:61456 USPATFULL  
TI **Osteoarthritis**-associated inducible isoform of nitric oxide  
synthetase  
IN Amin, Ashok R., Union, NJ, United States  
Abramson, Steven B., Rye, NY, United States  
PA Hospital For Joint Diseases, New York, NY, United States (U.S.  
corporation)  
PI US 5759836 19980602  
AI US 1995-410739 19950327 (8)  
DT Utility  
FS Granted  
LN.CNT 2100  
INCL INCLM: 435/189.000  
INCLS: 435/184.000  
NCL NCLM: 435/189.000  
NCLS: 435/184.000  
IC [6]  
ICM: C12N009-02  
ICS: C12N009-99  
EXF 435/25; 435/172.3; 435/184; 435/189; 435/320.1; 536/23.2  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 18 OF 23 USPATFULL on STN  
AN 97:94131 USPATFULL  
TI Assay for peptide metabolites from the amino-terminal telopeptide domain  
of type I **collagen**  
IN Eyre, David R., Mercer Island, WA, United States  
PA Washington Research Foundation, Seattle, WA, United States (U.S.  
corporation)  
PI US 5677198 19971014  
AI US 1996-664102 19960613 (8)  
RLI Continuation of Ser. No. US 1995-457831, filed on 1 Jun 1995, now  
patented, Pat. No. US 5576189 which is a continuation of Ser. No. US  
1994-221705, filed on 1 Apr 1994, now patented, Pat. No. US 5473052  
which is a continuation of Ser. No. US 1990-614719, filed on 21 Nov  
1990, now patented, Pat. No. US 5300434 which is a continuation-in-part  
of Ser. No. US 1989-444881, filed on 1 Dec 1989, now patented, Pat. No.  
US 5140103 which is a continuation-in-part of Ser. No. US 1987-118234,  
filed on 6 Nov 1987, now patented, Pat. No. US 4973666  
DT Utility  
FS Granted  
LN.CNT 1600  
INCL INCLM: 436/518.000  
INCLS: 436/536.000; 530/387.900  
NCL NCLM: 436/518.000  
NCLS: 436/536.000; 530/387.900  
IC [6]  
ICM: G01N033-536  
ICS: G01N033-543

EXF 435/7.93; 435/7.94; 436/23; 436/518; 436/536; 530/387.9  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 19 OF 23 USPATFULL on STN  
AN 97:70882 USPATFULL  
TI **Antibody** to type-I collagen carboxy-terminal  
telopeptide  
IN Eyre, David R., Mercer Island, WA, United States  
PA Washington Research Foundation, Seattle, WA, United States (U.S.  
corporation)  
PI US 5656439 19970812  
AI US 1995-567618 19951204 (8)  
RLI Continuation of Ser. No. US 1994-221705, filed on 1 Apr 1994, now  
patented, Pat. No. US 5473052 which is a continuation of Ser. No. US  
1990-614719, filed on 21 Nov 1990, now patented, Pat. No. US 5300434  
which is a continuation-in-part of Ser. No. US 1989-444881, filed on 1  
Dec 1989, now patented, Pat. No. US 5140103 which is a  
continuation-in-part of Ser. No. US 1987-118234, filed on 6 Nov 1987,  
now patented, Pat. No. US 4973666  
DT Utility  
FS Granted  
LN.CNT 1599  
INCL INCLM: 435/007.100  
INCLS: 436/518.000; 436/536.000; 530/387.900  
NCL NCLM: 435/007.100  
NCLS: 436/518.000; 436/536.000; 530/387.900  
IC [6]  
ICM: G01N033-536  
ICS: C07K016-18  
EXF 435/7.1; 436/518; 436/536; 530/387.9  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 20 OF 23 USPATFULL on STN  
AN 96:106362 USPATFULL  
TI **Antibody** to type-I collagen amino-terminal  
telopeptide  
IN Eyre, David R., Mercer Island, WA, United States  
PA Washington Research Foundation, Seattle, WA, United States (U.S.  
corporation)  
PI US 5576189 19961119  
AI US 1995-457831 19950601 (8)  
RLI Continuation of Ser. No. US 1994-221705, filed on 1 Apr 1994, now  
patented, Pat. No. US 5473052 which is a continuation of Ser. No. US  
1990-614719, filed on 21 Nov 1990, now patented, Pat. No. US 5300434  
which is a continuation-in-part of Ser. No. US 1989-444881, filed on 1  
Dec 1989, now patented, Pat. No. US 5140103 which is a  
continuation-in-part of Ser. No. US 1987-118234, filed on 6 Nov 1987,  
now patented, Pat. No. US 4973666  
DT Utility  
FS Granted  
LN.CNT 1504  
INCL INCLM: 435/007.930  
INCLS: 435/007.940; 435/240.270; 436/518.000; 530/387.900  
NCL NCLM: 435/007.930  
NCLS: 435/007.940; 435/331.000; 436/518.000; 530/387.900  
IC [6]  
ICM: G01N033-53  
ICS: G01N033-543; C07K016-18; C12N005-20  
EXF 530/387.9; 435/240.27; 435/7.83; 435/7.84; 435/7.9; 435/7.93; 435/7.92;  
435/7.94; 436/531; 436/535; 436/548; 436/518  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 21 OF 23 USPATFULL on STN  
AN 95:108269 USPATFULL

TI Antigen-binding fragments of an antibody to type-I  
 collagen amino-terminal telopeptide  
 IN Eyre, David R., Mercer Island, WA, United States  
 PA Washington Research Foundation, Seattle, WA, United States (U.S.  
 corporation)  
 PI US 5473052 19951205  
 AI US 1994-221705 19940401 (8)  
 RLI Continuation of Ser. No. US 1990-614719, filed on 21 Nov 1990, now  
 patented, Pat. No. US 5300434 which is a continuation-in-part of Ser.  
 No. US 1989-444881, filed on 1 Dec 1989, now patented, Pat. No. US  
 5140103 which is a continuation-in-part of Ser. No. US 1987-118234,  
 filed on 6 Nov 1987, now patented, Pat. No. US 4973666  
 DT Utility  
 FS Granted  
 LN.CNT 1482  
 INCL INCLM: 530/387.900  
 NCL NCLM: 530/387.900  
 IC [6]  
 ICM: C07K016-18  
 EXF 435/240.2; 530/387; 530/388; 530/387.9  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 22 OF 23 USPATFULL on STN  
 AN 94:28681 USPATFULL  
 TI Hybridoma cell line producing an antibody to type-I  
 collagen amino-terminal telopeptide  
 IN Eyre, David R., Mercer Island, WA, United States  
 PA Washington Research Foundation, Seattle, WA, United States (U.S.  
 corporation)  
 PI US 5300434 19940405  
 AI US 1990-614719 19901121 (7)  
 RLI Continuation-in-part of Ser. No. US 1989-444881, filed on 1 Dec 1989,  
 now patented, Pat. No. US 5140103 which is a continuation-in-part of  
 Ser. No. US 1987-118234, filed on 6 Nov 1987, now patented, Pat. No. US  
 4973666  
 DT Utility  
 FS Granted  
 LN.CNT 1417  
 INCL INCLM: 435/240.200  
 INCL: 435/172.200; 530/388.900  
 NCL NCLM: 435/331.000  
 NCL: 435/345.000; 530/388.900  
 IC [5]  
 ICM: C12N005-20  
 ICS: C07K015-28  
 EXF 436/548; 530/332; 530/326; 530/327; 530/328; 530/388; 530/388.9;  
 435/7.1; 435/240.2  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 23 OF 23 USPAT2 on STN  
 AN 2003:213635 USPAT2  
 TI Sandwich assays for collagen type I  
 fragments  
 IN Rosenquist, Christian, Charlottenlund, DENMARK  
 Qvist, Per, Klampenborg, DENMARK  
 PA Osteometer Biotech A/S, Herlev, DENMARK (non-U.S. corporation)  
 PI US 6660481 B2 20031209  
 WO 9826286 19980618  
 AI US 1999-319539 19990608 (9)  
 WO 1997-EP6803 19971205  
 PRAI GB 1996-25559 19961209  
 GB 1997-5687 19970319  
 DT Utility  
 FS GRANTED

LN.CNT 1153

INCL INCLM: 435/007.100  
INCLS: 435/007.920; 435/007.930; 435/007.940; 435/007.950; 435/331.000;  
436/518.000; 436/536.000; 436/548.000; 436/815.000; 530/300.000;  
530/323.000; 530/328.000; 530/387.900; 530/388.100; 530/391.100;  
530/391.300

NCL NCLM: 435/007.100  
NCLS: 435/007.920; 435/007.930; 435/007.940; 435/007.950; 435/331.000;  
436/518.000; 436/536.000; 436/548.000; 436/815.000; 530/300.000;  
530/323.000; 530/328.000; 530/387.900; 530/388.100; 530/391.100;  
530/391.300

IC [7]

ICM: G01N033-53

EXF 435/7.1; 435/7.92; 435/7.93; 435/7.94; 435/7.95; 435/331; 436/518;  
436/536; 436/548; 436/815; 530/300; 530/323; 530/328; 530/387.9;  
530/388.1; 530/391.1; 530/391.3

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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10/730070

1862 S	SANDWICH ASSAY? AND (COLLAGEN OR TYPE II COLLAGEN) AND ANTIBO
L12	167 S L11 AND RESORP?
L13	151 S L12 AND EPITO?
L14	149 S L13 AND EPITOPE?
L15	2 S L14 AND EKGPD
L16	145 S L14 AND FRAGMEN?
L17	140 S AMINO ACID? AND L16
L18	136 S L17 AND COMPLEX?
L19	122 S L18 AND (CARTILAGE RESORPTION OR OSTEOARTHRITIS OR ARTHRITIS
L20	23 S COLLAGEN TYPE II AND L19

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